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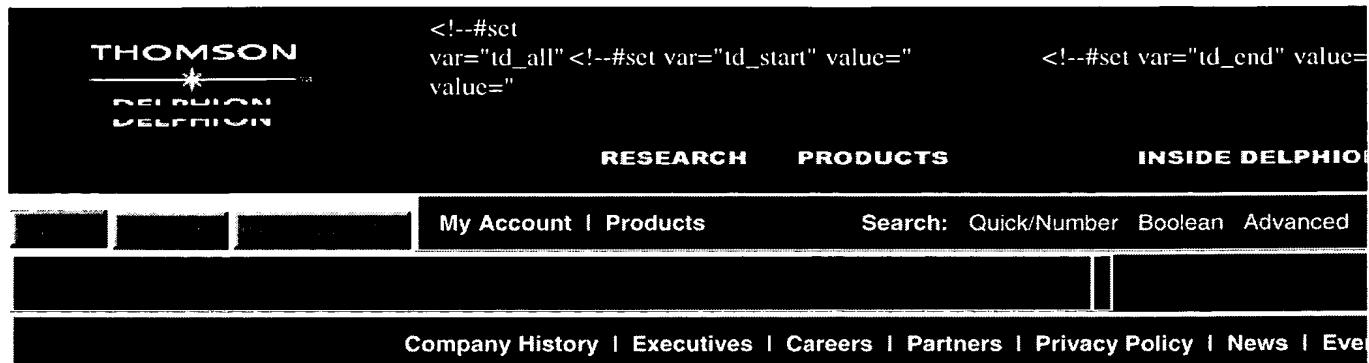
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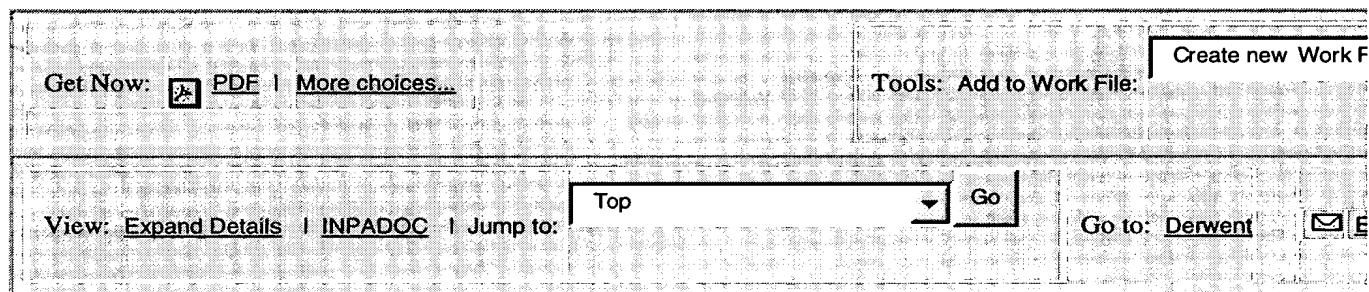
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## The Delphion Integrated View



**Title:** WO0132751A1: METHOD FOR PRODUCING NANOPARTICULATE CHITOSANS OR DERIVATIVES [German][French]

**Derwent Title:** Production of chitosan nanoparticles for cosmetic or pharmaceutical preparations, e.g. shampoos, involves dissolving chitosan derivative in aqueous acid and precipitating with alkali in presence of surfactant [Derwent Record]

**Country:** WO World Intellectual Property Organization (WIPO)  
**Kind:** A1 Publ.of the Int.Appl. with Int.search report

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 **Priority Number:** 1999-10-29 [DE1999019952073](#)

 **Abstract:**

The invention relates to a method for producing nanoparticulate chitosans or chitosan derivatives with particle diameters in the range of from 10 to 1000 nm. According to the inventive method, (a) the chitosan or chitosan derivative is dissolved in an acidic aqueous medium and (b) the pH of the solution is raised in the presence of a surface modifier to such an extent that the chitosan is precipitated. The invention allows for the production of non-agglomerating nanoparticles in dispersed or dry form in a simple manner and independent of organic solvents. [\[German\]](#) [\[French\]](#)

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